

Refine Search

Search Results -

Terms	Documents
L40 near10 opening	1

Database:

US Pre-Grant Publication Full-Text Database
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Search:

L41

Search History

DATE: Wednesday, May 04, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L41</u>	L40 near10 opening	1	<u>L41</u>
<u>L40</u>	"50:1" near4 "aspect ratio"	147	<u>L40</u>
<u>L39</u>	L38	12	<u>L39</u>
<u>L38</u>	4560458	12	<u>L38</u>
<u>L37</u>	6693038	1	<u>L37</u>
<u>L36</u>	6342449	3	<u>L36</u>
<u>L35</u>	634449	10	<u>L35</u>
<u>L34</u>	L32	0	<u>L34</u>
<u>L33</u>	L32	0	<u>L33</u>
<i>DB=USOC; PLUR=YES; OP=OR</i>			
<u>L32</u>	6342449	0	<u>L32</u>
<u>L31</u>	L30	0	<u>L31</u>
<i>DB=TDBD; PLUR=YES; OP=OR</i>			

Refine Search

Search Results -

Terms	Documents
6342449	3

Database:

US Pre-Grant Publication Full-Text Database
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Search:

4560458

Refine Search

Recall Text

Clear

Interrupt

Search History

 DATE: Wednesday, May 04, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L42</u>	6342449	3	<u>L42</u>
<u>L41</u>	L40 near10 opening	1	<u>L41</u>
<u>L40</u>	"50:1" near4 "aspect ratio"	147	<u>L40</u>
<u>L39</u>	L38	12	<u>L39</u>
<u>L38</u>	4560458	12	<u>L38</u>
<u>L37</u>	6693038	1	<u>L37</u>
<u>L36</u>	6342449	3	<u>L36</u>
<u>L35</u>	634449	10	<u>L35</u>
<u>L34</u>	L32	0	<u>L34</u>
<u>L33</u>	L32	0	<u>L33</u>
<i>DB=USOC; PLUR=YES; OP=OR</i>			
<u>L32</u>	6342449	0	<u>L32</u>
<u>L31</u>	L30	0	<u>L31</u>

DB=TDBD; PLUR=YES; OP=OR

L30 L29 0 L30

DB=DWPI; PLUR=YES; OP=OR

L29 L28 0 L29

DB=EPAB; PLUR=YES; OP=OR

L28 L27 0 L28

DB=JPAB; PLUR=YES; OP=OR

L27 (contact or via) and L24 0 L27

DB=PGPB; PLUR=YES; OP=OR

L26 L25 0 L26

DB=USPT; PLUR=YES; OP=OR

L25 (contact or via) and L24 22 L25

L24 L23 and (form\$5 near5 conduct\$4 near6 etched) 25 L24

L23 (doped or diffused) same (lateral\$3 near5 etch\$5) 405 L23

L22 "etch ratio" and plasma and L7 6 L22

L21 L9 and "etch raio" 0 L21

L20 L17 same torr 24 L20

L19 L17 torr 59732 L19

L18 L17 same "mT" 0 L18

L17 L15 near10 fluorine 139 L17

L16 L15 near10 fluorine9 0 L16

L15 (plasma)near8 pressure 17721 L15

L14 L13 same fluorine 4 L14

L13 (forming near5 plasma)near8 pressure 554 L13

L12 L11 same (opening or hole or via) 12 L12

L11 (fluorine near5 gas) near7 ((etch\$4) near 10("titanium" or "titanium-nitride" or titanium compound" or titanium alloy")) 53 L11

L10 (fluorine near5 gas) near7 ((dielectric or insulat\$5) near5 (etch\$5)) near10 temperature 4 L10

L9 (fluorine near5 gas) near7 (etch\$5) near10 temperature 67 L9

L8 L7 507 L8

L7 (fluorine near5 gas) same (etch\$5) same temperature 507 L7

L6 6451705 and (etch\$5 near4 temperature) 2 L6

L5 L1 and (etch\$5 near14 temperature) 0 L5

L4 L1 and (etch\$5 near4 temperature) 0 L4

L3 L1 and temperature 4 L3

L2 L1and temperature 1305302 L2

L1 6720256 4 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
4560458	12

Database:

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Search:

L43

Refine Search

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Search History

DATE: Wednesday, May 04, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L43</u>	4560458	12	<u>L43</u>
<u>L42</u>	6342449	3	<u>L42</u>
<u>L41</u>	L40 near10 opening	1	<u>L41</u>
<u>L40</u>	"50:1" near4 "aspect ratio"	147	<u>L40</u>
<u>L39</u>	L38	12	<u>L39</u>
<u>L38</u>	4560458	12	<u>L38</u>
<u>L37</u>	6693038	1	<u>L37</u>
<u>L36</u>	6342449	3	<u>L36</u>
<u>L35</u>	634449	10	<u>L35</u>
<u>L34</u>	L32	0	<u>L34</u>
<u>L33</u>	L32	0	<u>L33</u>
<i>DB=USOC; PLUR=YES; OP=OR</i>			
<u>L32</u>	6342449	0	<u>L32</u>

Refine Search

Search Results -

Terms	Documents
L30	0

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US Pre-Grant Publication Full-Text Database
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Search:

L31

Refine Search

Recall Text

Clear

Interrupt

Search History

 DATE: Wednesday, May 04, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
side by side			
	DB=USOC; PLUR=YES; OP=OR		
<u>L31</u>	L30	0	<u>L31</u>
	DB=TDDB; PLUR=YES; OP=OR		
<u>L30</u>	L29	0	<u>L30</u>
	DB=DWPI; PLUR=YES; OP=OR		
<u>L29</u>	L28	0	<u>L29</u>
	DB=EPAB; PLUR=YES; OP=OR		
<u>L28</u>	L27	0	<u>L28</u>
	DB=JPAB; PLUR=YES; OP=OR		
<u>L27</u>	(contact or via) and L24	0	<u>L27</u>
	DB=PGPB; PLUR=YES; OP=OR		
<u>L26</u>	L25	0	<u>L26</u>
	DB=USPT; PLUR=YES; OP=OR		
<u>L25</u>	(contact or via) and L24	22	<u>L25</u>

<u>L24</u>	L23 and (form\$5 near5 conduct\$4 near6 etched)	25	<u>L24</u>
<u>L23</u>	(doped or diffused) same (lateral\$3 near5 etch\$5)	405	<u>L23</u>
<u>L22</u>	"etch ratio" and plasma and l7	6	<u>L22</u>
<u>L21</u>	L9 and "etch raio"	0	<u>L21</u>
<u>L20</u>	L17 same torr	24	<u>L20</u>
<u>L19</u>	L17 torr	59732	<u>L19</u>
<u>L18</u>	L17 same "mT"	0	<u>L18</u>
<u>L17</u>	L15 near10 fluorine	139	<u>L17</u>
<u>L16</u>	L15 near10 fluorine9	0	<u>L16</u>
<u>L15</u>	(plasma)near8 pressure	17721	<u>L15</u>
<u>L14</u>	L13 same fluorine	4	<u>L14</u>
<u>L13</u>	(forming near5 plasma)near8 pressure	554	<u>L13</u>
<u>L12</u>	L11 same (opening or hole or via)	12	<u>L12</u>
<u>L11</u>	(fluorine near5 gas) near7 ((etch\$4) near 10("titanium" or "titanium-nitride" or titanium compound" or titanium alloy"))	53	<u>L11</u>
<u>L10</u>	(fluorine near5 gas) near7 ((dielectric or insulat\$5) near5 (etch\$5)) near10 temperature	4	<u>L10</u>
<u>L9</u>	(fluorine near5 gas) near7 (etch\$5) near10 temperature	67	<u>L9</u>
<u>L8</u>	L7	507	<u>L8</u>
<u>L7</u>	(fluorine near5 gas) same (etch\$5) same temperature	507	<u>L7</u>
<u>L6</u>	6451705 and (etch\$5 near4 temperature)	2	<u>L6</u>
<u>L5</u>	L1 and (etch\$5 near14 temperature)	0	<u>L5</u>
<u>L4</u>	L1 and (etch\$5 near4 temperature)	0	<u>L4</u>
<u>L3</u>	L1 and temperature	4	<u>L3</u>
<u>L2</u>	L1and temperature	1305302	<u>L2</u>
<u>L1</u>	6720256	4	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
"etch ratio" and plasma and L7	6

Database:

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Search:

L22

Search History

DATE: Wednesday, May 04, 2005 [Printable Copy](#) [Create Case](#)

Set Name	Query	Hit Count	Set Name result set
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L22</u>	"etch ratio" and plasma and 17	6	<u>L22</u>
<u>L21</u>	L9 and "etch raio"	0	<u>L21</u>
<u>L20</u>	L17 same torr	24	<u>L20</u>
<u>L19</u>	L17 torr	59732	<u>L19</u>
<u>L18</u>	L17 same "mT"	0	<u>L18</u>
<u>L17</u>	L15 near10 fluorine	139	<u>L17</u>
<u>L16</u>	L15 near10 fluorine9	0	<u>L16</u>
<u>L15</u>	(plasma)near8 pressure	17721	<u>L15</u>
<u>L14</u>	L13 same fluorine	4	<u>L14</u>
<u>L13</u>	(forming near5 plasma)near8 pressure	554	<u>L13</u>
<u>L12</u>	L11 same (opening or hole or via)	12	<u>L12</u>
<u>L11</u>	(fluorine near5 gas) near7 ((etch\$4) near 10("titanium" or "titanium-nitride" or titanium compound" or titanium alloy"))	53	<u>L11</u>

<u>L10</u>	(fluorine near5 gas) near7 ((dielectric or insulat\$5) near5 (etch\$5)) near10 temperature	4	<u>L10</u>
<u>L9</u>	(fluorine near5 gas) near7 (etch\$5) near10 temperature	67	<u>L9</u>
<u>L8</u>	L7	507	<u>L8</u>
<u>L7</u>	(fluorine near5 gas) same (etch\$5) same temperature	507	<u>L7</u>
<u>L6</u>	6451705 and (etch\$5 near4 temperature)	2	<u>L6</u>
<u>L5</u>	L1 and (etch\$5 near14 temperature)	0	<u>L5</u>
<u>L4</u>	L1 and (etch\$5 near4 temperature)	0	<u>L4</u>
<u>L3</u>	L1 and temperature	4	<u>L3</u>
<u>L2</u>	L1and temperature	1305302	<u>L2</u>
<u>L1</u>	6720256	4	<u>L1</u>

END OF SEARCH HISTORY

<u>L30</u> L29	0	<u>L30</u>
<i>DB=DWPI; PLUR=YES; OP=OR</i>		
<u>L29</u> L28	0	<u>L29</u>
<i>DB=EPAB; PLUR=YES; OP=OR</i>		
<u>L28</u> L27	0	<u>L28</u>
<i>DB=JPAB; PLUR=YES; OP=OR</i>		
<u>L27</u> (contact or via) and L24	0	<u>L27</u>
<i>DB=PGPB; PLUR=YES; OP=OR</i>		
<u>L26</u> L25	0	<u>L26</u>
<i>DB=USPT; PLUR=YES; OP=OR</i>		
<u>L25</u> (contact or via) and L24	22	<u>L25</u>
<u>L24</u> L23 and (form\$5 near5 conduct\$4 near6 etched)	25	<u>L24</u>
<u>L23</u> (doped or diffused) same (lateral\$3 near5 etch\$5)	405	<u>L23</u>
<u>L22</u> "etch ratio" and plasma and l7	6	<u>L22</u>
<u>L21</u> L9 and "etch raio"	0	<u>L21</u>
<u>L20</u> L17 same torr	24	<u>L20</u>
<u>L19</u> L17 torr	59732	<u>L19</u>
<u>L18</u> L17 same "mT"	0	<u>L18</u>
<u>L17</u> L15 near10 fluorine	139	<u>L17</u>
<u>L16</u> L15 near10 fluorine9	0	<u>L16</u>
<u>L15</u> (plasma)near8 pressure	17721	<u>L15</u>
<u>L14</u> L13 same fluorine	4	<u>L14</u>
<u>L13</u> (forming near5 plasma)near8 pressure	554	<u>L13</u>
<u>L12</u> L11 same (opening or hole or via)	12	<u>L12</u>
<u>L11</u> (fluorine near5 gas) near7 ((etch\$4) near 10("titanium" or "titanium-nitride" or titanium compound" or titanium alloy"))	53	<u>L11</u>
<u>L10</u> (fluorine near5 gas) near7 ((dielectric or insulat\$5) near5 (etch\$5)) near10 temperature	4	<u>L10</u>
<u>L9</u> (fluorine near5 gas) near7 (etch\$5) near10 temperature	67	<u>L9</u>
<u>L8</u> L7	507	<u>L8</u>
<u>L7</u> (fluorine near5 gas) same (etch\$5) same temperature	507	<u>L7</u>
<u>L6</u> 6451705 and (etch\$5 near4 temperature)	2	<u>L6</u>
<u>L5</u> L1 and (etch\$5 near14 temperature)	0	<u>L5</u>
<u>L4</u> L1 and (etch\$5 near4 temperature)	0	<u>L4</u>
<u>L3</u> L1 and temperature	4	<u>L3</u>
<u>L2</u> L1and temperature	1305302	<u>L2</u>
<u>L1</u> 6720256	4	<u>L1</u>

END OF SEARCH HISTORY